

EXXON COMPANY, U.S.A.
QUARTERLY STATUS REPORT
 January - March 1994
 April 7, 1994
 (Page 1 of 2)

RAS #7-7003
 349 Main Street
 Pleasanton, California
 Job No: 130015

Work Performed During This Quarter

January through March 1994

- o: Performed quarterly monitoring and sampling for the first quarter 1994 on February 16 and 17, 1994.
- o Submitted final Tank Excavation Assessment report to Exxon on January 13, 1994.
- o Submitted final report for first quarter 1994 Quarterly Monitoring to Exxon on March 15, 1994.
- o Submitted draft Interim Remedial Investigation to Exxon on March 23, 1994.

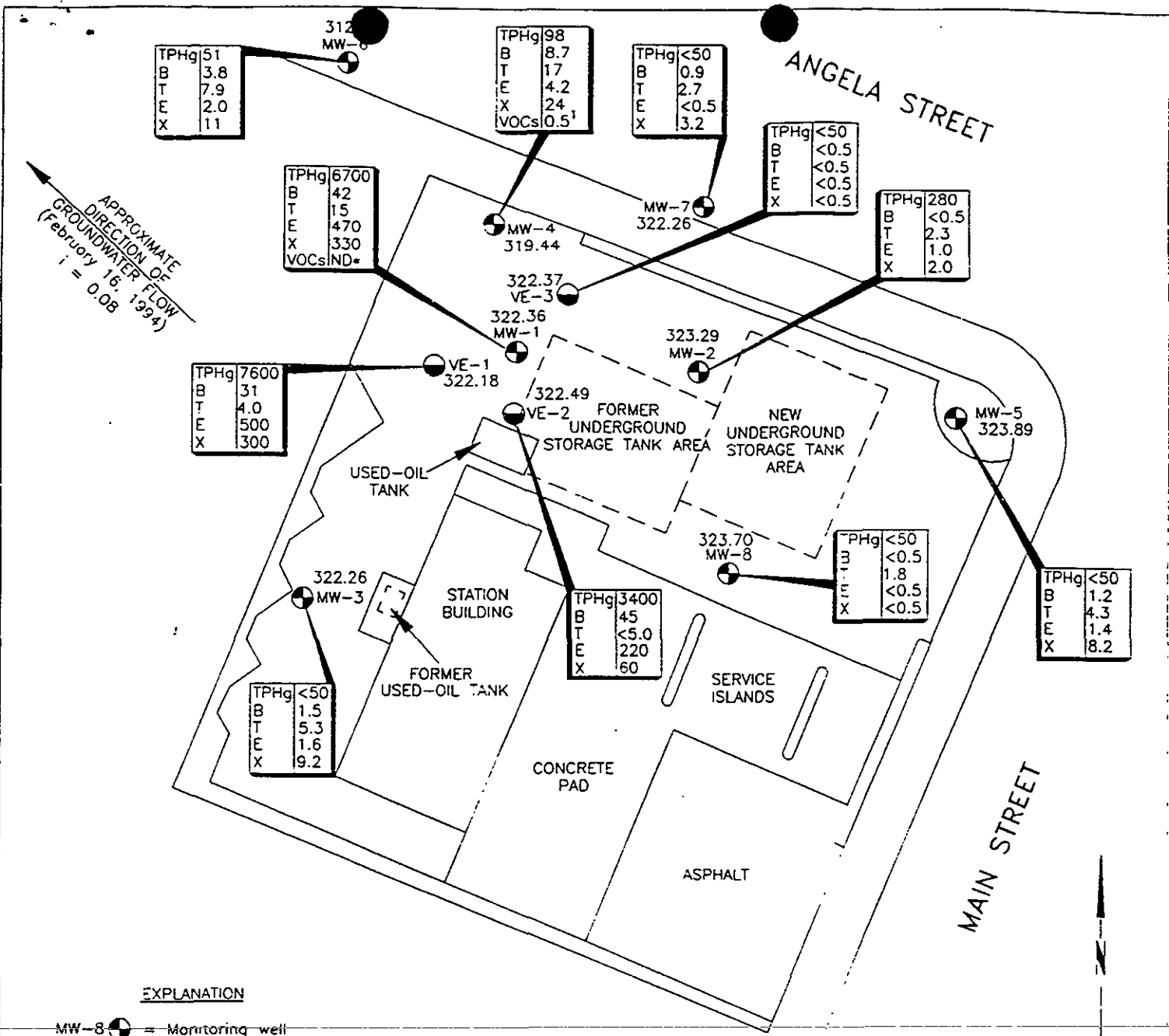
Groundwater Sampling (sampled 02/16-17/94) Results: (ug/L)

<u>Well</u>	<u>TPHg</u>	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl- benzene</u>	<u>Total Xylenes</u>	<u>VOCs</u>	<u>Historical Trends</u>
MW-1	6.700	42	15	470	330	ND	Increased
MW-2	280	<0.5	2.3	1.0	2.0	NA	Decreased
MW-3	<50	1.5	5.3	1.6	9.2	NA	Increased
MW-4	98	8.7	17	4.2	24	0.5 ¹	Increased
MW-5	<50	1.2	4.3	1.4	8.2	NA	Increased
MW-6	51	3.8	7.9	2.0	11.0	NA	Increased
MW-7	<50	0.9	2.7	<0.5	3.2	NA	Increased
MW-8	<50	<0.5	1.8	<0.5	<0.5	NA	Decreased
VE-1	7,600	31	4.0	500	300	NA	Increased
VE-2	3,400	45	<5.0	220	60	NA	Unchanged
VE-3	<50	<0.5	<0.5	<0.5	<0.5	NA	Decreased

¹ : 1,2-dichloroethane

Free Phase Product Recovery

Not Applicable



EXPLANATION

- MW-8 = Monitoring well
- VE-3 = Vapor extraction well

TPHg	6700
B	42
T	15
E	470
X	330
VOCs	ND

= Concentrations of Hydrocarbons and Volatile Organic Compounds in groundwater in parts per billion, February 16 and 17, 1994

- = Sample was diluted due to high levels of hydrocarbon present
- ND = Not detected
- VOCs = Volatile organic compounds
- 1 = 1,2-dichloroethane
- i = Magnitude of hydraulic gradient
- 323.89 = Elevation of groundwater relative to mean sea level, February 16 and 17, 1994

Approximate Scale



Source: Surveyed by Ron Archer Civil Engineer, Inc., June 1990, April 1991 and May 1993.




**GROUNDWATER GRADIENT AND
CHEMICAL CONCENTRATIONS**
Exxon Station 7-7003
349 Main Street
Pleasanton, California

PLATE
2

PROJECT

130015.20

EXXON COMPANY, U.S.A.
QUARTERLY STATUS REPORT
 April - June 1994
 June 24, 1994
 (Page 1 of 2)

RAS #7-7003

 Pleasanton, California
 Job No: 130015

Work Performed During This Quarter

April through June 1994

- o Performed quarterly monitoring and sampling for the second quarter 1994 on May 12 and 13, 1994.

Groundwater Sampling (sampled 05/12-13/94) Results: (ug/L)

<u>Well</u>	<u>TPHg</u>	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl- benzene</u>	<u>Total Xylenes</u>	<u>VOCs</u>	<u>Historical Trends</u>
MW-1	4000	26	9.4	400	210	ND	Decreased
MW-2	100	<0.5	0.7	0.6	3.8	NA	Decreased
MW-3	<50	<0.5	0.8	<0.5	2.8	NA	Decreased
MW-4	<50	0.8	0.9	0.7	6.1	ND	Decreased
MW-5	<50	1.7	2.3	1.5	9.1	NA	Decreased
MW-6	<50	0.6	1.0	<0.5	2.7	NA	Decreased
MW-7	<50	<0.5	1.1	<0.5	1.6	NA	Decreased
MW-8	<50	<0.5	1.0	<0.5	<0.5	NA	Decreased
VE-1	970	0.7	<0.5	56	33	NA	Decreased
VE-2	1900	19	29	66	110	NA	Decreased
VE-3	<50	<0.5	<0.5	<0.5	<0.5	NA	Unchanged

Free Phase Product Recovery

Not Applicable

Work to be Performed Next Quarter

Estimated Completion Date 09/30/94

- o Submit final report for second quarter 1994 Quarterly Monitoring to Exxon.
- o Submit final report for Interim Remedial Investigation to Exxon.
- o Perform quarterly monitoring and sampling for the third quarter 1994.
- o Submit final report for third quarter 1994 Quarterly Monitoring to Exxon.

exxon0394

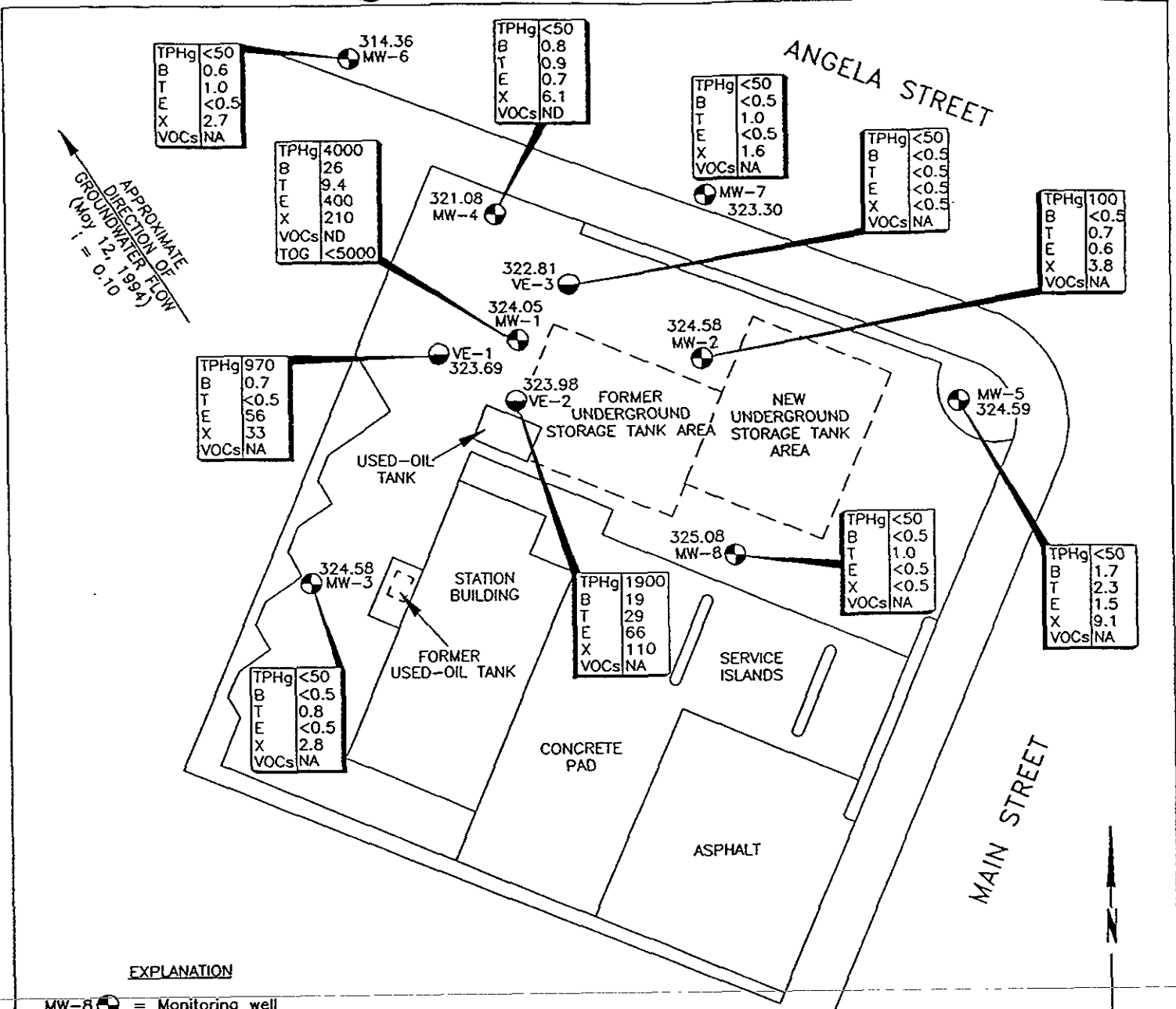
EXXON COMPANY, U.S.A.
QUARTERLY STATUS REPORT
January - March 1994
June 24, 1994
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RAS #7-7003
349 Main Street
Pleasanton, California
Job No: 130015

Work to be Performed Next 12 Months

Estimated Completion Date 06/30/95

- Continue quarterly groundwater monitoring and sampling program to evaluate the trends of gasoline hydrocarbons and groundwater gradient in first encountered groundwater below the site.



EXPLANATION

- MW-8 = Monitoring well
- VE-3 = Vapor extraction well

325.08 = Elevation of groundwater relative to mean sea level, May 12, 1994

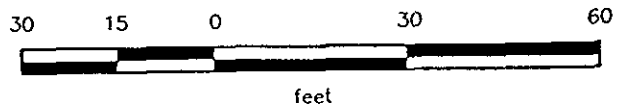
TPHg	4000
B	26
T	9.4
E	400
X	210
VOCs	ND
TOG	<5000

= Concentration of these constituents in groundwater in parts per billion, May 12, 1994

i = Interpreted magnitude of hydraulic gradient

- ND = Not detected
- NA = Not analyzed

Approximate Scale



Source: Surveyed by Ron Archer Civil Engineer, Inc., June 1990, April 1991 and May 1993.



GROUNDWATER GRADIENT AND
CHEMICAL CONCENTRATIONS
Exxon Station 7-7003
349 Main Street
Pleasanton, California

PLATE
2

PROJECT 130015.20



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 Suite 100
 Rancho Cordova, CA 95670
 916/638-2085
 FAX: 916/638-8385

EXXON COMPANY, U.S.A.
QUARTERLY SUMMARY REPORT

July through September 1994
 Date: October 10, 1994

RAS No. 7-7003
 349 Main Street
 Pleasanton, California

Delta Project No. D094-838

WORK PERFORMED THIS QUARTER

DATE COMPLETED

Collected ground water samples from eight monitoring wells and three SVE wells.

September 7, 1994

Prepared third quarter monitoring report.

October 10, 1994

Repaired damaged well boxes.

September 30, 1994

QUARTERLY GROUND WATER SAMPLING (September 7, 1994) RESULTS: (µg/L)

Well No.	B	T	E	X	TPH ^a as gasoline	Historical Trend
MW-1	3.5	2.0	17	18	170	Decreased
MW-2	<0.5	<0.5	3.8	2.9	410	Increased
MW-3	<0.5	<0.5	<0.5	<0.5	<50	Decreased
MW-4	<0.5	<0.5	<0.5	<0.5	<50	Decreased
MW-5	<0.5	<0.5	<0.5	<0.5	<50	Decreased
MW-6	<0.5	<0.5	<0.5	<0.5	<50	Decreased
MW-7	<0.5	<0.5	<0.5	<0.5	<50	Decreased
MW-8	<0.5	<0.5	<0.5	<0.5	67	Increased
VEW-1	7.3	46	620	150	8,100	Increased
VEW-2	5.5	<0.5	9.0	3.0	690	Decreased
VEW-3	<0.5	<0.5	<0.5	<0.5	<50	Unchanged

^a Total petroleum hydrocarbons.

LIQUID PHASE HYDROCARBON RECOVERY SUMMARY:

Not applicable.

WORK TO BE PERFORMED NEXT QUARTER:

<u>Activity</u>	<u>Estimated Completion Date</u>
Conduct fourth quarter monitoring.	November 1994
Submit remedial plan.	November 1994


WORK TO BE PERFORMED NEXT 12 MONTHS:

<u>Activity</u>	<u>Estimated Completion Date</u>
Quarterly monitoring and reporting.	November 1994, February, May, and August 1995
Design system, obtain permits, install system.	

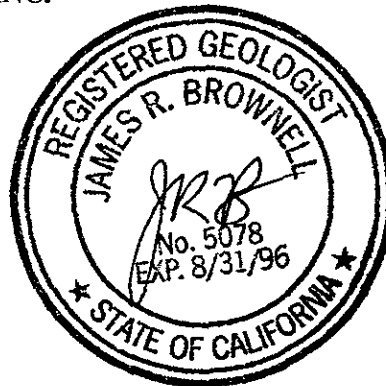
If you have any questions, please contact me at (916) 638-2085.

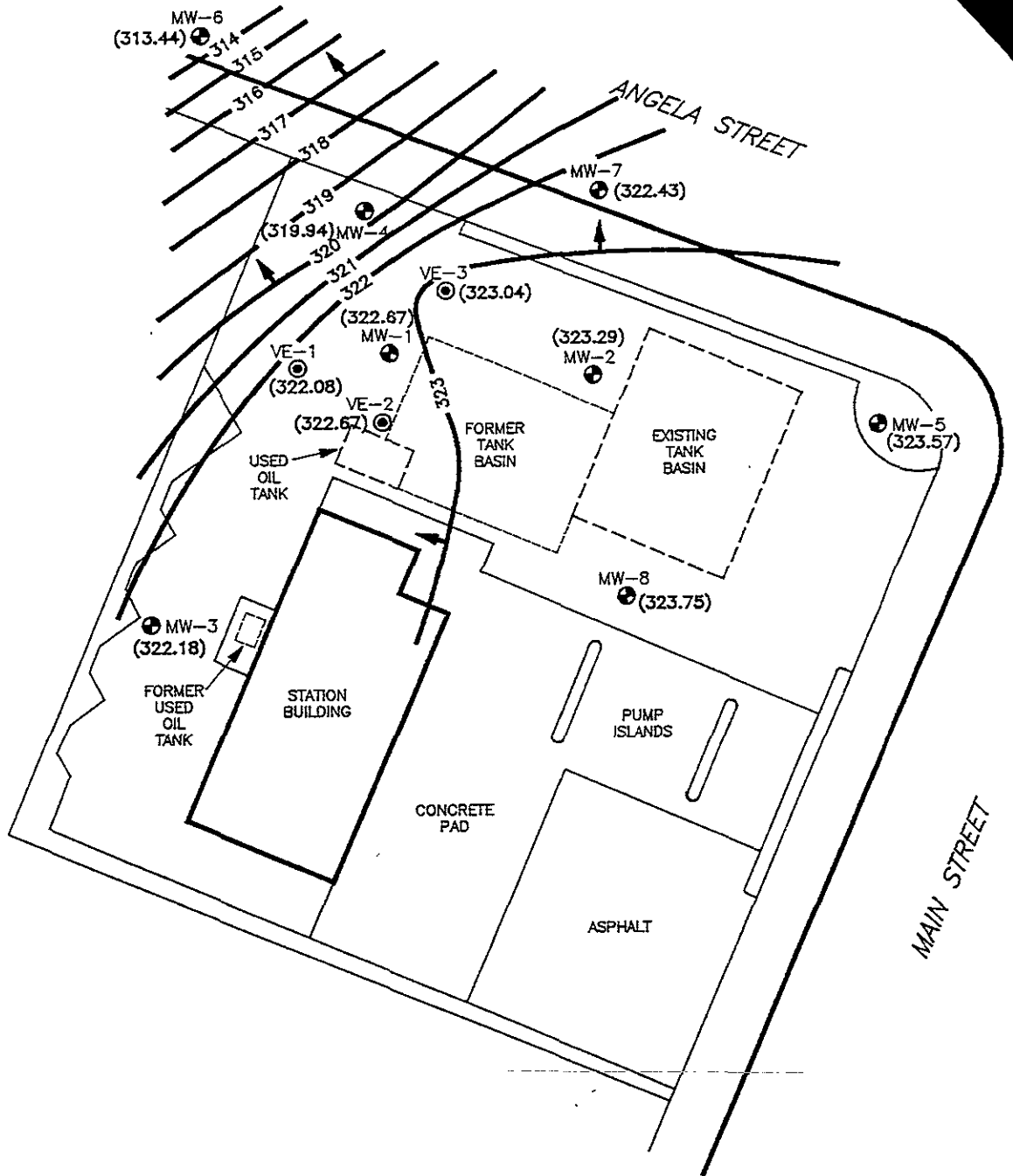
Sincerely,

DELTA ENVIRONMENTAL CONSULTANTS, INC.


James R. Brownell, R.G.
California Registered Geologist No. 5078

REC (MS186.TA)





LEGEND:

- ⊙ VE-1 VAPOR EXTRACTION WELL LOCATION
- ⊕ MW-1 MONITORING WELL LOCATION
- (322.67) GROUND WATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- 322 — INFERRED WATER TABLE CONTOUR IN FEET ABOVE MEAN SEA LEVEL
- ← GROUND WATER FLOW DIRECTION



SCALE



FIGURE 3
WATER TABLE CONTOUR MAP - 9/7/94
EXXON STATION NO. 7-7003
349 MAIN STREET
PLEASANTON, CA.

PROJECT NO. D094-838	DRAWN BY LH. 10/10/94
FILE NO. 94-838-1	PREPARED BY REC
REVISION NO. 1	REVIEWED BY JTB 10/10/94

Delta Environmental Consultants